

4. (Amended) A method performed by a computer system, comprising:
storing a first version of a mass-produced printed paper, the first version having a first
format; and
translating the first version into a second version, the second version having a second
format, wherein the translating comprises:
rasterizing the first version to create a rasterized image; and
decimating the rasterized image for inclusion in the second version, the second version
being displayable on a display device as a likeness of the paper.

5. (Amended) The method of Claim 2 wherein the translating comprises:
extracting characters from the first version; and
adding a term from the characters to an index in the second version.

8. (Amended) The method of Claim 11 wherein the forming comprises:
forming the link within the second version, wherein the reference specifies a different
location within the paper, wherein the second location is the different location, and wherein the
operation includes displaying the different location on the display device as part of the likeness
in response to a selection of the first location.

9. (Amended) The method of Claim 11 wherein the forming comprises:
forming the link within the second version, wherein the reference specifies an identity of
a script, wherein the second location is the script, and wherein the operation includes executing
the script in response to a selection of the first location.

10. (Amended) The method of Claim 11 wherein the translating comprise of
forming the link within the second version, wherein the reference specifies of the
a website external to the paper, wherein the second location is the website,
operation includes displaying the website on the display device in
first location.

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11. (Amended) A method performed by a computer system, comprising:
storing a first version of a mass-produced printed paper;
translating the first version into a second version of the paper, the second version being
displayable on a display device as a likeness of the paper;
in response to the first version, detecting a reference at a first location within the paper,
the detected reference being associated with a second location; and
in response to the detected reference, forming a link within the second version between
the first location and the second location, and the first location being displayable on the display
device as part of the likeness and selectable to cause an operation associated with the second
location.

12. (Amended) The method of Claim 11 wherein the translating comprises:
forming a link table in the second version; and
including information associated with the link in the link table.

14. (Amended) A system, comprising:
a computing device for:
storing a first version of a mass-produced printed paper, the first version having a first
format;
translating the first version into a second version, the second version having a second
format; and
compressing the second version, the compressed second version being decompressable
and displayable on a display device as a likeness of the paper.

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15. (Amended) A system, comprising:
a computing device for:
storing a first version of a mass-produced printed paper, the first version having a first
format;
translating the first version into a second version, the second version having a second
format; and
encrypting the second version, the encrypted second version being decryptable and
displayable on a display device as a likeness of the paper.
16. (Amended) A system, comprising:
a computing device for:
storing a first version of a mass-produced printed paper, the first version having a first
format; and
translating the first version into a second version, the second version having a second
format, wherein the translating comprises:
rasterizing the first version to create a rasterized image; and
decimating the rasterized image for inclusion in the second version, the second
version being displayable on a display device as a likeness of the paper.
17. (Amended) The system of Claim 14 wherein the computing device is for
translating the first version into the second version, wherein the translating comprises:
extracting characters from the first version; and
adding a term from the characters to an index in the second version.
18. (Amended) The system of Claim 17 wherein the computing device is for
translating the first version into the second version, wherein the translating comprises:
rasterizing the first version to create a rasterized image;
including the rasterized image in the second version; and
including a pointer in the index to indicate a location of the term in the rasterized image.

20. (Amended) The system of Claim 23 wherein the reference specifies a different location within the paper, wherein the second location is the different location, and wherein the operation includes displaying the different location on the display device as part of the likeness in response to a selection of the first location.

21. (Amended) The system of Claim 23 wherein the reference specifies an identity of a script, wherein the second location is the script, and wherein the operation includes executing the script in response to a selection of the first location.

B5 22. (Amended) The system of Claim 23 wherein the reference specifies an address of a website external to the paper, wherein the second location is the website, and wherein the operation includes displaying the website on the display device in response to a selection of the first location.

23. (Amended) A system, comprising:
a computing device for:

storing a first version of a mass-produced printed paper;
translating the first version into a second version of the paper, the second version being displayable on a display device as a likeness of the paper;
in response to the first version, detecting a reference at a first location within the paper, the detected reference being associated with a second location; and
in response to the detected reference, forming a link within the second version between the first location and the second location, and the first location being displayable on the display device as part of the likeness and selectable to cause an operation associated with the second location.

24. (Amended) The system of Claim 23 wherein the computing device is for translating the first version into the second version, wherein the translating comprises:
forming a link table in the second version; and
including information associated with the link in the link table.

26. (Amended) A computer program product, comprising:
a computer program processable by a computer system for causing the computer system to:
store a first version of a mass-produced printed paper, the first version having a first
format;
translate the first version into a second version, the second version having a second
format; and
compress the second version, the compressed second version being decompressable and
displayable on a display device as a likeness of the paper; and
an apparatus from which the computer program is accessible by the computer system.

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27. (Amended) A computer program product, comprising:
a computer program processable by a computer system for causing the computer system to:
store a first version of a mass-produced printed paper, the first version having a first
format;
translate the first version into a second version, the second version having a second
format; and
encrypt the second version, the encrypted second version being decryptable and
displayable on a display device as a likeness of the paper; and
an apparatus from which the computer program is accessible by the computer system.

28. (Amended) A computer program product, comprising:
a computer program processable by a computer system for causing the computer system to:
store a first version of a mass-produced printed paper, the first version having a first
format; and
translate the first version into a second version, the second version having a second
format, wherein the translating comprises:
rasterizing the first version to create a rasterized image; and
decimating the rasterized image for inclusion in the second version; and
an apparatus from which the computer program is accessible by the computer system.

29. (Amended) The computer program product of Claim 26 wherein the computer program is processable by the computer system for causing the computer system to translate the first version into the second version, wherein the translating comprises:

extracting characters from the first version; and
adding a term from the characters to an index in the second version.

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30. (Amended) The computer program product of Claim 29 wherein the computer program is processable by the computer system for causing the computer system to translate the first version into the second version, wherein the translating comprises:

rasterizing the first version to create a rasterized image;
including the rasterized image in the second version; and
including a pointer in the index to indicate a location of the term in the rasterized image.

32. (Amended) The computer program product of Claim 35 wherein the reference specifies a different location within the paper, wherein the second location is the different location, and wherein the operation includes displaying the different location on the display device as part of the likeness in response to a selection of the first location.

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33. (Amended) The computer program product of Claim 35 wherein the reference specifies an identity of a script, wherein the second location is the script, and wherein the operation includes executing the script in response to a selection of the first location.

34. (Amended) The computer program product of Claim 35 wherein the reference specifies an address of a website external to the paper, wherein the second location is the website, and wherein the operation includes displaying the website on the display device in response to a selection of the first location.

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35. (Amended) A computer program product, comprising:
a computer program processable by a computer system for causing the computer system to:
store a first version of a mass-produced printed paper;
translate the first version into a second version of the paper, the second version being
displayable on a display device as a likeness of the paper;
in response to the first version, detect a reference at a first location within the paper, the
detected reference being associated with a second location; and
in response to the detected reference, form a link within the second version between the
first location and the second location, and the first location being displayable on
the display device as part of the likeness and selectable to cause an operation
associated with the second location; and
an apparatus from which the computer program is accessible by the computer system.

36. (Amended) The computer program product of Claim 35 wherein the computer
program is processable by the computer system for causing the computer system to translate the
first version into the second version, wherein the translating comprises:
creating a link table in the second version; and
including information associated with the hyperlink in the link table.

Please add the following new Claims 37-48.

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--37. (New) The method of Claim 11 wherein the forming comprises:
forming the link within the second version, wherein the reference specifies an identity of
a document external to the paper, wherein the second location is the document, and wherein the
operation includes displaying the document on the display device in response to a selection of
the first location.--

--38. (New) The method of Claim 11 wherein the forming comprises:

forming the link within the second version, wherein the reference specifies an identity of a file external to the paper, wherein the second location is the file, wherein the file includes visual image information, and wherein the operation includes displaying a visual image on the display device in response to the visual image information and a selection of the first location.--

--39. (New) The method of Claim 11 wherein the forming comprises:

forming the link within the second version, wherein the reference specifies an identity of a file external to the paper, wherein the second location is the file, wherein the file includes audio signal information, and wherein the operation includes outputting audio signals in response to the audio signal information and a selection of the first location.--

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--40. (New) The method of Claim 11 wherein the translating comprises:

translating the first version into the second version, the first version having a first digital format, and the second version having a second digital format.--

--41. (New) The method of Claim 23 wherein the reference specifies an identity of a document external to the paper, wherein the second location is the document, and wherein the operation includes displaying the document on the display device in response to a selection of the first location.--

--42. (New) The method of Claim 23 wherein the reference specifies an identity of a file external to the paper, wherein the second location is the file, wherein the file includes visual image information, and wherein the operation includes displaying a visual image on the display device in response to the visual image information and a selection of the first location.--

--43. (New) The method of Claim 23 wherein the reference specifies an identity of a file external to the paper, wherein the second location is the file, wherein the file includes audio signal information, and wherein the operation includes outputting audio signals in response to the audio signal information and a selection of the first location.--

--44. (New) The method of Claim 23 wherein the first version has a first digital format, and the second version has a second digital format.--

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--45. (New) The method of Claim 35 wherein the reference specifies an identity of a document external to the paper, wherein the second location is the document, and wherein the operation includes displaying the document on the display device in response to a selection of the first location.--

--46. (New) The method of Claim 35 wherein the reference specifies an identity of a file external to the paper, wherein the second location is the file, wherein the file includes visual image information, and wherein the operation includes displaying a visual image on the display device in response to the visual image information and a selection of the first location.--

--47. (New) The method of Claim 35 wherein the reference specifies an identity of a file external to the paper, wherein the second location is the file, wherein the file includes audio signal information, and wherein the operation includes outputting audio signals in response to the audio signal information and a selection of the first location.--

--48. (New) The method of Claim 35 wherein the first version has a first digital format, and the second version has a second digital format.--
